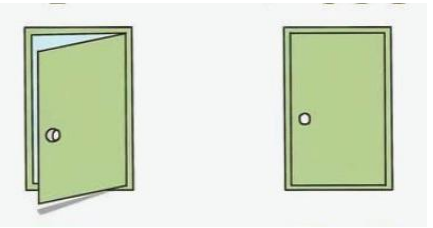
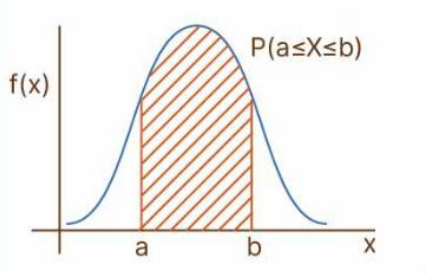
Digital Technologies and AI

Supporting Systems Competencies: A JPL Perspective

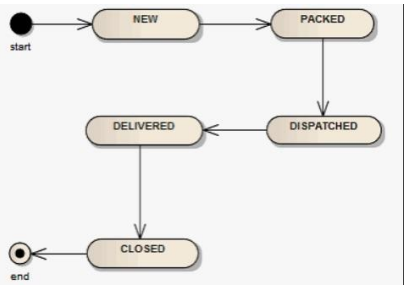
- **Opening (and closing) design options…**
  - based on rapid iterative quantitative assessments of P(s) and customer value



- **Thinking probabilistically…**
  - margin management, component performance, risk assessment



- **Owning the system behaviors…**
  - generate fault/success trees, prioritize fault protection



- **Finding the fault…**
  - review board in a box



A view from medieval Industry – Delft Brewers' Guild



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